

Hunter

Future-Oriented Jammer

FEATURES

Full-band Omnidirectional Detection Warning

Omni-directional drone detection | Early warnings for intruding drones within the built-in drone database | 400MHz~6GHz customizable full-band coverage | Maximum detection distance: 2km

When a drone enters the detection zone, detection and warning can be achieved within 4 seconds.

Note: The built-in drone database includes the majority of commercial models and will be regularly updated.

Full-band Intelligent Jamming

Hunter can jam the Flight Control/Image Transmission Signals and GNSS band, covering a frequency range of 400MHz to 6GHz. Hunter automatically adjusts the jamming frequency targeting the flight control/image transmission signals based on the detected drone model, eliminating the need for manual configuration by the user. Upon successful drone jamming, the communication between the drone and the pilot is disrupted, leading to the drone being either passively returned or forced to land.

Direction Finding

Hunter can display the direction (azimuth/pitch angle) of the detected drone on the screen, aiding in targeting and improving the effectiveness of countermeasures.

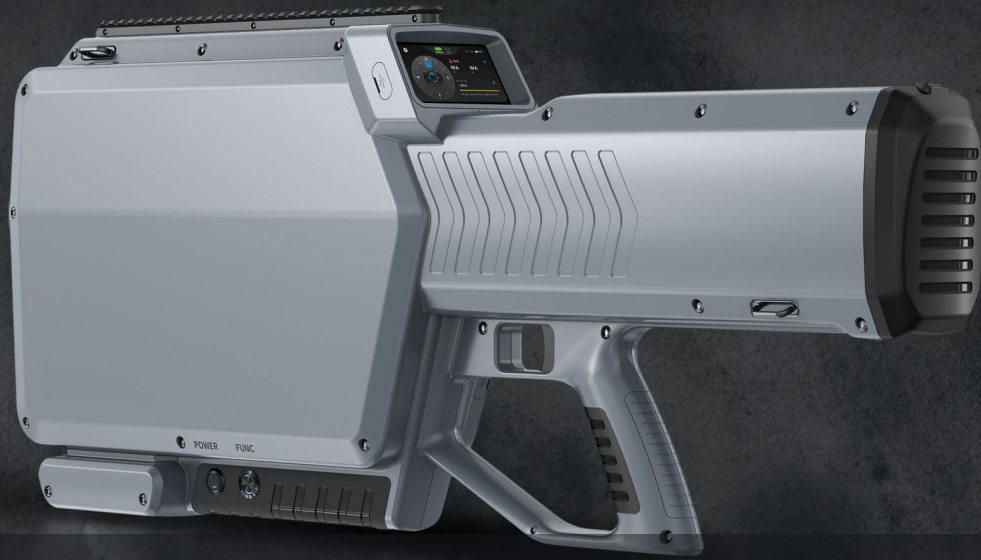
Note: Hunter has direction finding capability in the bands of 2.4GHz and 5.8GHz. Direction finding is not supported when the detected drone is in other bands.

Data Visualization

The 3.5-inch touchscreen offers a range of directional guidance operations to assist users in quickly aligning the drone's direction. When used in conjunction with radar, it provides a more intuitive view of the status of the targeted drone and feedback on successful strikes within the C2 system.

Users can utilize the touchscreen to adjust basic settings such as alarm modes, device connectivity, and software updates.





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SPECIFICATIONS

BASIC SPECIFICATION

Size (LxWxH): 778*337*113mm

Weight: 6.5kg

Interaction: Trigger, Touch Screen, Buzzer, Vibration

Color: Starry gray

JAMMING MODE

Signals Jammed: Flight Control and Image Transmission Signals, GNSS Signals

GNSS Signal Interference: Covers the global satellite positioning signal types, e.g. GPS, GLONASS, BeiDou, Galileo.

Frequencies: 400MHz-6GHz (Full Band)

FoV: Azimuth: $\pm 15^\circ$ / Pitch: $\pm 7^\circ$

Jamming Power: 20W@400 MHz~2GHz / 20W@2GHz~4GHz / 40W@4GHz~6GHz

Jamming Range: ≥ 3 km

Operation Time(Jamming): 1hour

Automatic Frequency Adaptation: Supported

DETECTION MODE

Signals Detected: UAV Signals

Frequencies: 400MHz-6GHz (Full Band)

Direction: Omnidirectional

Detection Range: ≥ 2 km

Operation Time(Detection): 8hours

ALIGNMENT MODE

UAV Direction Finding(azimuth/pitch angle alignment): Supported

Direction Finding Precision: Azimuth: 10°

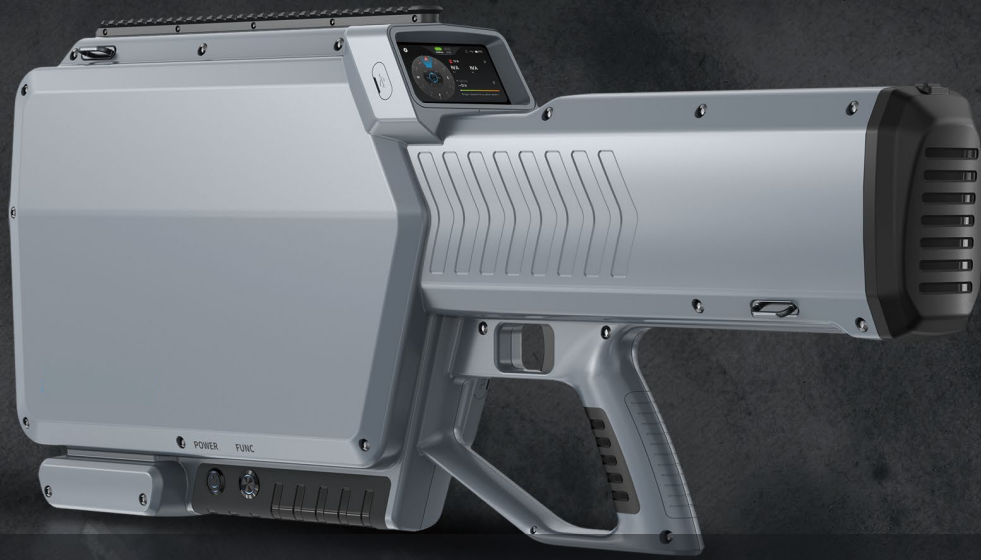
OTHER

UAV Model Identification: Supported

(Identify and classify mainstream UAV models, intelligently configure jamming strategies)

System Integration: Supported

(Hunter can be integrated with C2 system and radars, forming a system-level intelligent solution.)



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SPECIFICATIONS

SCREEN

Size: 3.5inch

Resolution: 1280 × 720

Color: Stripe RGB

Touch: 2 points touch

Operation System: Android

Information Displayed: Operational status, user prompt messages, detected drone information

PHYSICAL BUTTONS

Trigger: To turn on/off radio interference

FUNC Button: For certain functions. Please follow the screen prompts to use

CONNECTIVITY

Wireless Connection: Wi-Fi/Bluetooth: Only used for connecting to C2 systems

Interface: Type-C x 1: Only used for connecting to a computer (client workstation) for software upgrades and log retrieval

RELIABILITY

Operating Temperature: -20 to 55°C

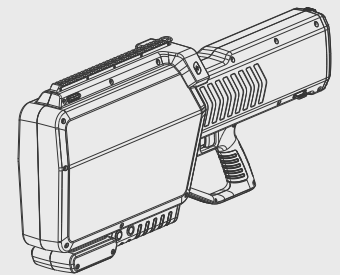
Storage Temperature: -20 to 60°C

IP Rating: IP65

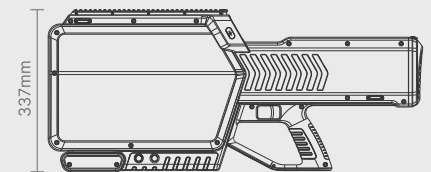
Upgrade: Software version can be updated via client app or C2 system

Product Log: Product logs can be read via client app or C2 system

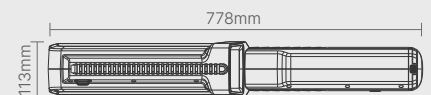
APP: Client app that can be used for software updates and product log reading



PICTORIAL VIEW



SIDE VIEW



TOP VIEW

Carry Case Contents:

Battery x 2 (21.8V, 152.6WH)

Charging Base x 1

Adapter x 1 (100V ~ 240V, 50Hz ~ 60Hz)

Power Cable x 1

Shoulder Strap x 1

Type-C Cable x 1

Optional Accessories:

Scope (Installed on the Picatinny rail)

Tripod